



The Indianapolis Radio Club Newsletter

Founded 1914

May2021 Newsletter

Upcoming Meetings:

June 11: Will Jourdain, AA4WJ, from Icom America. Presentation on the new IC-705 portable radio, VIA ZOOM. There are a limited number of Icom “swag bags” that will be given away by random draw at the end of this meeting. To be eligible, you must be a member of the club, and be present on the Zoom call at the time of the drawing.

Highlights from the May Meeting:

Called to order at 7:35 by club president, David Spoelstra, N9KT.

There were 31 in attendance.

Introductions: Jim Brown, W0RLD, announced that he had upgraded to Extra. Marshall Trimmer, KD9SCF, is new General class ham, is getting on the air on VHF and UHF currently, and is working with an Elmer to get on HF soon.

Announcements: David announced that the club will have a presence at the upcoming Indy hamfest, and volunteers are needed to man Club info tables at the hamfest. Contact Kyle Bandy, KC9GLR, at Kyle@bandy.email to volunteer. David reminded those present that dues of \$20 are payable via PayPal at treasurer@indyradioclub.org (see note in this newsletter for more details). Ken Bandy, KJ9B, announced that he was going to

be doing a Parks on the Air (POTA) activation on Sunday, May 16, at the Lanier Mansion State Historic Site, in Madison, IN. David and Jay Krauss, W9TC, spoke about the progress of the W9IMS special event station, and invited anyone interested in operating to contact David at davids@mediamachine.com. Next, Ken Bandy gave a short presentation on what the club's recent 501(c)(3) status means. The main thing for members is that they can send any part of their RMDs (Required Minimum Distributions) from retirement accounts to the IRC, and get a tax deduction. Also, Ken is working with Kroger and Amazon to be able to participate in their charitable contribution programs. Next, Ken spoke about the progress of the club's Elmer Program. There is currently a team of 7 Elmers that is available to help folks. To present, the team has assisted, or is assisting, 8 hams in the area with anything from helping to get a station on the air to advice on antennas. Ken also talked about the "Welcome Net", a collaboration between Ellen and Gordon Brock (KD9RUD and KD9RUE), Russ Ryle (N9DHX), Indiana ARRL Section Manager, Jimmy Merry (KC9RPX), and Ken. The Welcome net meets on Wednesday at 8:00 pm on the W9WIN system (<https://w9win.net>), and it's first two meetings, it has had check ins of over 50 both nights, and lasted just over an hour.

Next, David introduced this evening's speaker, Brian Smith, W9IND, to give a talk on the history and current make up of the "Indy United" Field Day group. The group is comprised of club members from the W9RCA club, Satern group, and this year, the Indianapolis Radio Club. Last year (2020) the Indy United's 3A entry finished first in the country for all Field Day Entries! (Even though, technically Field Day isn't a contest, Hi!) Field Day is always the fourth full weekend in June (June 26 - 27 this year). The Indy United group will again be hosting Field Day this year at "Camp Victor" 6675 Red Day Road, Martinsville, IN 46151. The group will have a GOTA station (Get On The Air) for new hams, or hams who have been inactive for some time. For more information on the Indy United Field Day team, contact Brian Smith, W9IND, at bdsmith@indy.net

The meeting was adjourned at 9:00 pm

Ham Radio News:

CLUB DUES ARE DUE, AND PAYABLE VIA PAYPAL NOW!

Club Dues for 2021 are due now. Individual dues are \$20 per year, or Family dues are \$30 per year (all family members need to live in the same household). Dues can be paid with PayPal at treasurer@indyradioclub.org. Be sure to send the payment as a "friend", **not for** "goods and services". This will prevent any fees being assessed to the payment.

For those that don't have a PayPal account, you can send a check made out to "Indianapolis Radio Club" to Ken Bandy, 7405 E. County Road 900 N, Brownsburg, IN 46112.

INQP LOGS DUE NOW

If you participated in the Indiana QSO Party on May 1, be sure to submit your log by June 1. Even if you only made a handful of contacts, send in a log. Also, when submitting your log, please designate "Indianapolis Radio Club" as your club. There is a club competition that we haven't won for some time. Send your electronic log file to inqp@hdxcc.org, or handwritten paper logs can be sent via US Mail to HDXCC, c/o Tim Gardner, 332 South 28th St, Lafayette, IN 47904.

JOIN US FOR THE "WELCOME NET"

Carrying on from the announcement last month of the Indianapolis Radio Club's Elmer Program, everyone is welcome to join in on the newly established "Welcome Net". During a KJ9B shack visit, a conversation between Ellen and Gordon Brock (KD9RUD and KD9RUE) and KJ9B hit upon the idea of having a net for new hams. After further conversation with the unofficial "Ambassador of the W9WIN System", Russ Ryle (N9DHX), and with support from Indiana ARRL Section Manager Jimmy Merry (KC9RPX), the idea took shape.

It was decided to hold this net on the W9WIN linked repeater system (<https://w9win.net>), taking advantage of its great coverage area. The first meeting of the net was on Wednesday, May 5, where we had 53 check ins, during a net lasting just over an hour. The second net, held on the following Wednesday had 56 check ins, and once again lasted just over an hour. For the two nets, we have had a total of 85 different hams, from 20 counties check in. The format of the net is still settling in, but we normally take new ham check ins (licensed a month or less) first, followed by hams licensed within the last year. Then general check ins from anyone. Anyone with any questions or announcements are welcome at any time.

So, everyone feel free to join the "Welcome Net", meeting every Wednesday evening at 8:00 pm, on the W9WIN linked repeater system. For those in Marion County that check in to the weekly ARES net, just slide on over to the W9WIN repeater (444.325, with 136.5 tone) after you check in to the ARES net.

INDIANAPOLIS HAMFEST AND STATE CONVENTION

The 50th Indianapolis Hamfest will be held July 9 & 10 at the Marion County Fairgrounds. The ARRL Indiana State Convention will be held in conjunction with the Hamfest. Check <http://indyhamfest.com/> for more details as they become available.

IRC AND THE UPCOMING INDY HAMFEST

The Indianapolis Radio Club will have a few tables at the Indianapolis Hamfest coming up July 9, from 2:00 pm to 7:00 pm, and July 10, from 6:00 am to 2:00 pm. Currently, we plan to have the following tables that will need to be manned:

- A general display about the club, with handouts regarding the club.
- A special event station set up making HF contacts for W9JP.
- An “Ask the Elmer” table, with the Satern group tentatively going to be on hand to help program handhelds.
- The prize drum for the hamfest.

It would be great if we could have 3 to 4 people available to man these tables during the opening hours of the hamfest. These folks don’t have to commit to the whole run, just an hour or two at a time would be great. Please contact Kyle Bandy, KC9GLR, at Kyle@bandy.email if you can help.

MONROE COUNTY HAMFEST IN JUNE

The 2021 Monroe County Tailgate/Hamfest 2021 is scheduled for Saturday, June 12, from 8am to noon. This is an outdoor event, so it is subject to being canceled in the event of rain. COVID vaccination card required for admission. Admission is \$7. Go to <https://bloomingtonradio.org/files/2021TailgateBrochure.pdf> for the brochure.

RF EXPOSURE CALCULATORS

With the new rules regarding RF Exposure evaluation for Amateur stations, I want to share a couple of calculators I have run across. One, written by VP9KF, is available at https://hintlink.com/power_density.htm. Another one, written by W2JDB, is available by subscribing to his email reflector at <https://groups.io/g/ProgramsByW2JDB>, and downloading RFXposure.exe from there. Both of these programs are free.

EMAIL ADDRESSES WILL REMAIN MASKED

Starting on June 29, all applications filed with the FCC must include an email address for FCC correspondence. After receipt of the initial announcement that all future applications would require an email address, the ARRL out of concern for the privacy of its Members, requested that Amateur email addresses not be made public. This week the FCC agreed, stating in an email to the ARRL counsel that it will continue to “mask” Amateurs’ email addresses from public view in the Universal Licensing System (ULS). The FCC will use the email address supplied by Amateurs to correspond with applicants, including to send a link to the official electronic copy of the license when an application is granted.

The FCC is transitioning to fully electronic correspondence and no longer mails hard-copy licenses. Amateurs are able to view, download, and print their official license grant using the ULS. When a license is first granted, each applicant will receive an email with a direct link to the license. Although the link expires in 30 days, the license itself will remain available in the ULS and may be downloaded at any time by signing into the licensee’s account using their FCC Registration Number (FRN) and password.

On or after June 29, a valid email address must be provided with each application, and must be kept current by filing a modification application as necessary. Under the amended Section 97.23, “The email address must be an address where the grantee can receive electronic correspondence. Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct email address.”

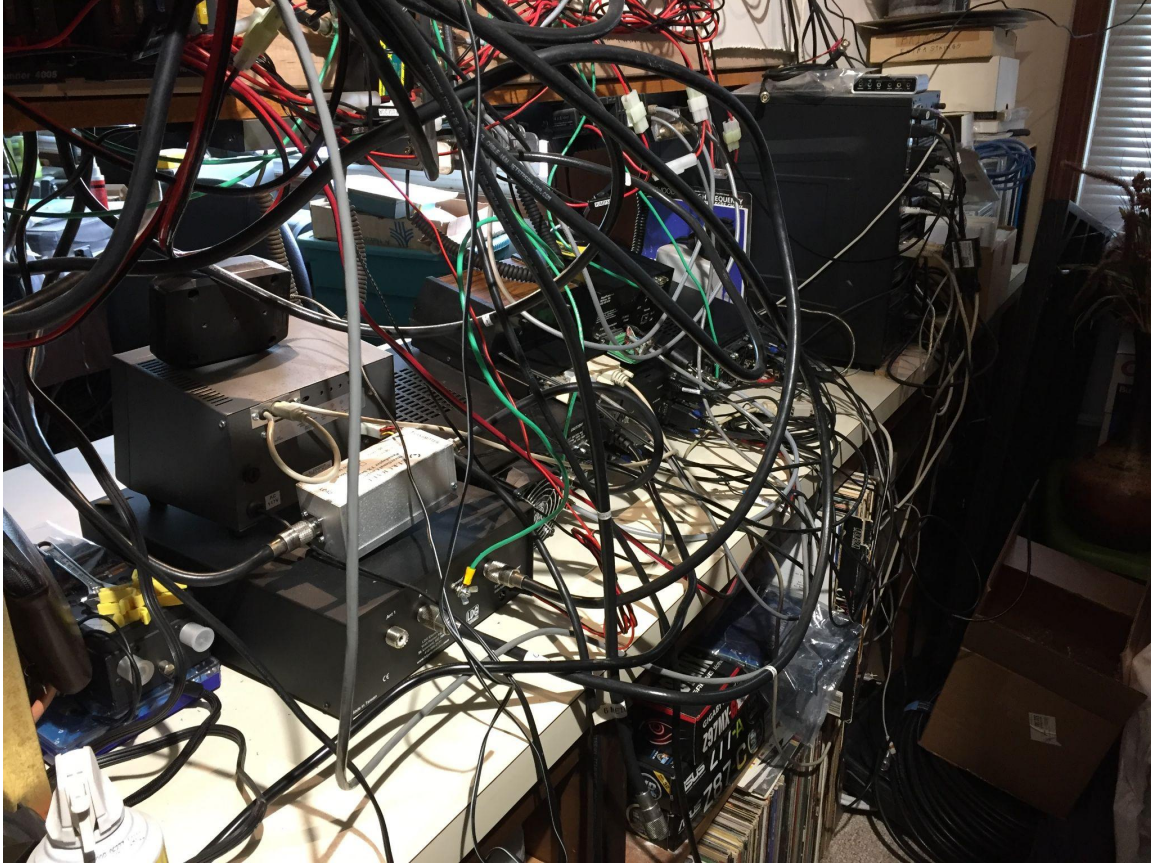
Applicants lacking an email address should consider using the email address of a friend or family member on their FCC applications.

SHACK TOUR: KJ9B

IRC Board Member and VE team leader Jim Rinehart, K9RU, recently suggested that we re-start something that the club used to run in it’s newsletters back in the 60’s, doing tours of members’ shacks. So, since it was in front of me, I have decided to start with the KJ9B shack.



Here is a photo of the (cleaned up) KJ9B operating station. The 3 video monitors allow me to view most of the pertinent screens of the DXLab Suite of software that I use for most operating. On the desk, you will see (from the left) the control head for a Yaesu FTM-300D VHF/UHF FM/C4FM transceiver. The next thing (with the orange display) is an Elecraft K3S HF transceiver. Next to the K3S is a P3 panadapter for the K3S, with a KPA 500 amplifier next to it. On to the right is a LDG AT-1000 Pro Autotuner. A Davis Vantage Vue Weather Station is at the far right side of the desk. On top of the K3S and P3 is the controller for a SteppIR 3 element beam antenna. Next to that is a Heathkit GC-1107 clock, that I built in the late 70's or so, running UTC. On top of the LDG tuner is a Yaesu G-1000DX A Rotator control. The two orange displays appearing beneath the right hand video monitor are (top) a Yaesu FTM-3200D 2 meter FM/C4FM transceiver, and below it an Alinco DR-235 1.25 meter (220 MHz) FM transceiver. Mounted above the right hand video monitor is the control head to a Connect Systems CS800 UHF FM/DMR transceiver.



This is where all the magic happens. The previous owners of our house had a little room off of the sunroom (that we converted to a family room/office/shack), that was called a “sewing room”. I cut a hole in the wall between that room and the sunroom to enable me to have access to the back of all of the gear. This makes configuring, reconfiguring, and troubleshooting very easy. All radios are powered from a deep cycle battery that is maintained by an RV converter/charger (thanks to K9DC for the suggestion). The PC and other AC powered peripherals are connected to an APC Smart UPS 1500.



Behind our house, I have a 38 foot crank-up/lay down tower. Antennas are as follows (from the top): Comet CX-333 1.25 meter/2 meter/70 cm vertical; M2 15 element 1.25 meter yagi and M2 12 element 2 meter yagi (both vertically polarized, mounted on common horizontal boom arm); SteppIR 3 element HF beam (6 meters through 20 meters). Mounted from a fiberglass stand-off is an 80 meter OCF dipole inverted-V.

So, there you have it, the KJ9B shack tour. If you want to share your shack, or mobile installation, send me photos and notes for inclusion in our next newsletter.

UPCOMING INDIANAPOLIS AREA TESTING SESSIONS (check with sponsor before planning to attend)

Rushville IN 46173-1846

Sponsor: ARRL

Date: May 22 2021

Time: 9:00 AM (No Walk-ins / Register or Call ahead)

Contact: Michael Dwight. Elder

Email: wj9e42@yahoo.com

VEC: ARRL/VEC

Location: Rushville Public Library

130 W 3rd St

Rushville IN 46173-1846

Website: Must have FRN ahead of time! Contact by E-Mail WJ9E42@yahoo.com

Bloomington IN 47401

Sponsor: bloomington amt Radio Club Inc

Date: Jun 05 2021

Time: 11:30 AM (Walk-ins allowed)

Contact: William F. Wootton

(812) 876-8689

Email: wfwootton@gmail.com

VEC: ARRL/VEC

Location: COVID-19 OUTDOOR SESSIONS

2800 E Rogers Rd

Bloomington IN 47401

Greenfield IN 46140-1100

Sponsor: Hancock ARC

Date: Jun 12 2021

Time: 9:00 AM (Walk-ins allowed)

Contact: Jill Schaumloeffel

(317) 363-4674

Email: n2jlc@yahoo.com

VEC: ARRL/VEC
Location: Park Chapel Christian Church
1176 E McKenzie Rd
Greenfield IN 46140-1100

Indianapolis IN 46254-2407
Sponsor: Indianapolis Radio Club-W9JP
Date: Jun 12 2021
Time: 12:00 PM (No Walk-ins / Register or Call ahead)
Contact: James K. Rinehart
(317) 721-1458
Email: k9ru@arrl.net
VEC: ARRL/VEC
Location: Salvation Army EDS Training Facility
4020 Georgetown Rd
Indianapolis IN 46254-2407

Anderson IN 46016-2238
Sponsor: Anderson Repeater Club
Date: Jun 15 2021
Time: 7:00 PM (Walk-ins allowed)
Contact: Stephen M. Riley
(765) 425-4627
Email: wa9cwe@arrl.net
VEC: ARRL/VEC
Location: Madison County EOC
200 Delaware St
Anderson IN 46016-2238

FEEL FREE TO SHARE OUR NEWSLETTER

If you belong to any other radio groups, please feel free to share our newsletter with them. They can also sign up to be on our mailing list by filling out the form available at http://mail.indyradioclub.org/mailman/listinfo/ircnews_indyradioclub.org.

SEND ME YOUR HAM RADIO NEWS

If anyone has any items for the newsletter, please send them to Ken Bandy at kj9b@arrl.net

Signals from the Past:

From the May, 1941 Club Newsletter:

LICENSE EXAM: The RI in the district at the present time has informed us that if enough applications or notices of intent to take a test for radio licenses are filed that the test might be held at Indianapolis. To date we have 34 class "B" and 28 class "A" notices filed with the secretary of the club.

Upcoming Area Radio Events:

- ~~Dayton Hamvention: May 21-23.~~ **CANCELED** Go to <https://hamvention.org/>.
- HCARC Tailgate: May 22, in New Castle. Go to <http://w9ob.org/wp-content/uploads/2021/04/Tailgate1.pdf> for more information.
- Bloomington Tailgate/Hamfest: June 12. Go to <https://bloomingtonradio.org/files/2021TailgateBrochure.pdf> for more info.
- Indianapolis Hamfest: July 9-10, 2021 Watch <http://indyhamfest.com/> for more info.
- East Central Indiana Hamfest: July 31, in Winchester. Go to <https://sites.google.com/view/ecindianahamfest> for details.
- Hendricks County Tailgate: August 14, in Avon. Go to <http://www.arrl.org/hamfests/hendricks-county-tailgate-fest> for info.
- Cincinnati Hamfest and W8DXCC: August 28. Owensville, OH. Go to <https://cincinnatihamfest.org/> for more info.

2021 Officers:

- President: David Spoelstra, N9KT – president@indyradioclub.org
- Vice Pres.: Dave Miller, K9RTT - vp@indyradioclub.org
- Secretary: Ken Bandy, KJ9B - secretary@indyradioclub.org
- Treasurer: Ken Bandy, KJ9B - treasurer@indyradioclub.org
- Chief Operator: OPEN
- Dir. at large: Jim Rinehart, K9RU – board@indyradioclub.org
- Dir. at large: Jay Kraus, W9TC - board@indyradioclub.org
- Dir. at large: Jeff Hammer, N9NIC - board@indyradioclub.org
- Dir. at large: George Taylor, KC9IKD - board@indyradioclub.org
- Dir. at large: Kyle Bandy, KC9GLR - board@indyradioclub.org
- W9JP Trustee: Jay Kraus, W9TC - w9jp.trustee@indyradioclub.org